

## ABSTRACT

The present invention relates to a method of obtaining dendritic cells which consists in:

- 1) cultivating, for 4 to 6 days, preferably 5 days, mononuclear cells derived from cytophoresis after mobilization, in a serum-free medium supplemented with human albumin, in the presence of a granulocyte-macrophage colony stimulating factor (GM-CSF) and an interleukin (IL) that blocks differentiation towards the macrophagic pathway;
- 2) adding  $\text{TNF-}\alpha$  and optionally an inflammatory mediator to the culture medium and continuing the culture for about a further 1 to 4 days, preferably 2 days; and
- 3) recovering the dendritic cells formed.

Application: immunotherapeutic agents